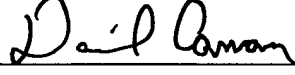


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application of:)
)
 Applicant(s): Akihiro Inomata) *I hereby certify that this paper is being deposited with the United*
) *States Postal Service as EXPRESS MAIL in an envelope*
 Divisional of Serial No.: 10/068,662) *addressed to: Commissioner for Patents, P.O. Box 1450,*
) *Alexandria, VA 22313-1450, on this date.*
 Conf. No.: 8089)
) Oct. 23, 2003 
) *Date* *Express Mail Label No.: EV 032698504 US*
 Parent Filed: February 6, 2002)
)
 For: MAGNETIC RECORDING MEDIUM)
) AND MAGNETIC STORAGE)
) APPARATUS)
)
 Art Unit: 1773)
)
 Examiner: Rickman, Holly Co.)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

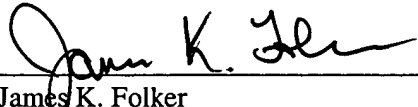
It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office	Attorney Docket No.: 0941.65982	Divisional of Serial No.: 10/068,662
	Applicant: Akihiro Inomata	
	Filing Date: February 6, 2002	Group: 1773

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	6,280,813	Aug. 28, 2001	Carey et al.	428	65.3	Oct. 8, 1999

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	EP 0 388 088 A2	Sep. 9, 1990	EPO				
	WO 93/12928	Jul. 8, 1993	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Schabes et al., "Theory of Antiferromagnetically Coupled Magnetic Recording Media", 7/2001, IEEE Trans Magn, Vol. 37, No. 4, pp. 1432-1434.22
	Wang et al., "Anti-Ferromagnetic Coupling Effects on Energy Barrier and Reversal Properties of Recording Media", 7/2001 IEEE Trans Magn, Vol. 37, No. 4, pp. 1445-1448.

Examiner	Date Considered
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*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation